

Indoor Air Quality Improvements-EMOC -- No. 500716

Category	General Government	Date Last Modified	January 03, 2008
Subcategory	County Offices and Other Improvements	Required Adequate Public Facility	No
Administering Agency	Public Works & Transportation	Relocation Impact	None.
Planning Area	Gaithersburg	Status	Preliminary Design Stage

EXPENDITURE SCHEDULE (\$000)

Cost Element	Total	Thru FY07	Est. FY08	Total 6 Years	FY09	FY10	FY11	FY12	FY13	FY14	Beyond 6 Years
Planning, Design, and Supervision	332	0	230	102	102	0	0	0	0	0	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	0	0	0	0	0	0	0	0	0	0	0
Construction	1,084	0	955	129	129	0	0	0	0	0	0
Other	17	0	17	0	0	0	0	0	0	0	0
Total	1,433	0	1,202	231	231	0	0	0	0	0	0

FUNDING SCHEDULE (\$000)

G.O. Bonds	1,433	0	1,202	231	231	0	0	0	0	0	0
Total	1,433	0	1,202	231	231	0	0	0	0	0	0

OPERATING BUDGET IMPACT (\$000)

Energy				-20	0	-4	-4	-4	-4	-4
Net Impact				-20	0	-4	-4	-4	-4	-4

DESCRIPTION

This project provides for the investigation and re-design/improvements to HVAC systems and other miscellaneous architectural building modifications to improve the indoor air quality of the service lane and adjacent office in the Equipment and Maintenance Operations Center (EMOC). The source, type, and severity of the indoor air pollution will dictate the specific remedial work required.

COST CHANGE

Increase due to cost escalation.

JUSTIFICATION

The Equipment and Maintenance Operations Center (EMOC) has been identified as needing immediate relief from indoor air contamination by diesel exhaust fumes. Consultant studies and reports indicate that diesel exhaust fumes from idling buses are entering the building and polluting the indoor air. The exhaust fumes carry noxious gases which cause eye irritation and other health problems. Testing and inspection found several pathways for diesel exhaust fumes to enter the building. The existing HVAC systems do not provide adequate ventilation to meet current ASHRAE standards. The National Institute of Occupational Safety and Health (NIOSH) recommends controlling diesel exposure at the lowest possible level.

Indoor Air Quality survey, inspection, and testing were completed and reports were prepared by a consultant in May 2001.

OTHER

This project was previously included in the Indoor Air Quality Improvements - Depots project.

OTHER DISCLOSURES

- A pedestrian impact analysis has been completed for this project.

APPROPRIATION AND EXPENDITURE DATA

Date First Appropriation	FY07	(\$000)
First Cost Estimate	FY07	1,202
Current Scope		
Last FY's Cost Estimate		1,202
Appropriation Request	FY09	231
Appropriation Request Est.	FY10	0
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		1,202
Expenditures / Encumbrances		90
Unencumbered Balance		1,112
Partial Closeout Thru	FY06	0
New Partial Closeout	FY07	0
Total Partial Closeout		0

COORDINATION

Department of Permitting Services
 Department of Public Works and Transportation
 Division of Capital Development
 Division of Fleet Management Services
 Division of Transit Services

MAP

